

## TRUCKEE RIVER BASIN, LAKE TAHOE

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV

LOCATION.—Lat 39°14'25", long 119°56'38", in SW 1/4 NE 1/4 sec.22, T.16 N., R.18 E., Washoe County, Nevada, Hydrologic Unit 16050101, on right bank, 500 ft upstream from culvert on Lakeshore Boulevard, 1,000 ft upstream from mouth, just below confluence with major tributary, and 3 mi east of Crystal Bay.

DRAINAGE AREA.—7.0 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1966 to September 1975, November 1987 to current year (low flow, partial-record site only, October 1966 to September 1969, October 1973 to February 1975).

GAGE.—Water-stage recorder. Datum of gage is 6,246.90 ft above NGVD of 1929.

REMARKS.—Records good except for estimated daily discharges, which are fair. No regular diversion above station. Possibly some light pumping or diversion of water for construction or irrigation. See schematic diagram of Truckee River Basin, Lake Tahoe and Truckee River Basin.

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	2.9	3.1	e3.4	3.8	3.9	10	12	8.6	4.4	2.8	2.2
2	2.5	2.9	3.2	e3.4	3.9	3.8	9.7	13	8.5	4.2	2.7	2.2
3	2.5	3.0	3.1	e3.4	3.8	3.8	10	13	8.3	4.1	2.7	2.2
4	2.5	3.0	3.0	e3.4	e3.8	3.8	11	14	8.0	4.0	2.7	2.3
5	2.5	3.0	3.7	e3.5	e3.8	3.9	12	14	7.8	3.9	2.7	2.3
6	2.5	3.0	4.4	e3.5	e3.8	4.6	12	14	7.8	3.9	2.6	2.2
7	2.5	3.1	3.8	3.8	e3.8	5.8	11	14	7.5	3.8	2.6	2.2
8	2.5	3.0	3.1	3.9	e3.8	7.2	11	13	7.4	3.7	2.6	2.1
9	2.5	3.2	e3.2	3.9	e3.8	8.0	12	13	7.7	3.7	2.5	2.1
10	2.6	3.2	e3.2	3.8	e3.8	8.7	12	12	7.5	3.6	2.5	2.1
11	2.6	3.1	e3.2	3.9	e3.8	8.6	12	12	6.9	3.5	2.5	2.1
12	2.6	3.1	e3.2	3.8	3.9	8.8	12	11	6.8	3.5	2.5	2.1
13	2.6	3.1	3.4	3.9	3.8	9.2	12	11	6.6	3.5	2.5	2.1
14	2.6	3.1	3.3	3.9	3.8	9.6	11	11	6.5	3.4	2.5	2.1
15	2.6	3.2	3.4	3.9	3.8	11	11	11	6.3	3.3	2.6	2.2
16	2.6	3.1	3.5	3.9	7.2	11	10	11	6.1	3.3	2.7	2.2
17	2.6	3.1	3.2	3.9	6.3	11	9.5	11	5.9	3.4	2.5	2.1
18	2.5	3.2	3.2	4.0	5.2	11	8.9	10	5.8	3.3	2.5	2.2
19	2.6	3.2	3.4	4.0	4.6	12	8.6	10	5.7	3.3	2.5	2.3
20	2.6	3.2	3.7	4.0	4.4	12	8.7	10	5.5	3.2	2.4	2.7
21	2.5	e3.1	3.7	3.8	4.4	13	8.3	9.9	5.4	3.2	2.4	2.6
22	2.5	e3.1	3.4	4.6	4.3	13	8.1	9.9	5.3	3.2	2.4	2.5
23	2.7	e3.1	3.4	3.9	4.1	14	8.6	9.6	5.2	3.1	2.5	2.5
24	2.6	e3.1	4.5	3.9	4.0	12	9.3	9.3	5.0	3.1	2.5	2.4
25	2.5	3.1	3.7	3.8	4.3	11	10	9.0	4.8	3.0	2.4	2.3
26	2.5	3.2	e3.4	5.2	4.1	9.7	11	9.0	4.6	2.9	2.4	2.3
27	2.6	3.3	e3.4	3.8	4.1	9.1	12	9.2	4.5	2.9	2.4	2.2
28	2.6	3.1	e3.4	3.8	4.0	9.3	12	9.6	4.6	2.9	2.3	2.3
29	2.6	3.2	e3.4	3.9	3.8	9.8	11	9.1	4.5	2.8	2.3	2.3
30	2.6	3.1	e3.4	3.9	---	11	11	8.9	4.5	2.8	2.3	2.4
31	2.8	---	e3.4	3.9	---	11	---	8.8	---	2.8	2.2	---
TOTAL	79.4	93.1	106.4	119.7	122.0	280.6	315.7	342.3	189.6	105.7	77.7	67.8
MEAN	2.56	3.10	3.43	3.86	4.21	9.05	10.5	11.0	6.32	3.41	2.51	2.26
MAX	2.8	3.3	4.5	5.2	7.2	14	12	14	8.6	4.4	2.8	2.7
MIN	2.4	2.9	3.0	3.4	3.8	3.8	8.1	8.8	4.5	2.8	2.2	2.1
AC-FT	157	185	211	237	242	557	626	679	376	210	154	134

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 2004, BY WATER YEAR (WY)

MEAN	3.80	4.08	4.26	5.18	5.18	8.02	11.0	16.1	14.3	7.62	4.33	3.41
MAX	6.79	6.76	8.78	19.6	12.2	16.9	23.1	36.7	48.4	35.0	14.4	8.66
(WY)	1996	1999	1997	1997	1996	1997	1997	1996	1995	1995	1995	1995
MIN	1.35	1.82	2.07	2.06	2.64	3.72	3.55	2.71	2.04	1.19	0.99	0.44
(WY)	1989	1993	1993	1993	1991	1992	1988	1988	1988	1988	1988	1999

## SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1970 - 2004

ANNUAL TOTAL	1787.2	1900.0	
ANNUAL MEAN	4.90	5.19	7.43
HIGHEST ANNUAL MEAN			15.4
LOWEST ANNUAL MEAN			2.51
HIGHEST DAILY MEAN	16	May 24	112 Jan 2 1997
LOWEST DAILY MEAN	2.3	Sep 26	0.18 Sep 1 1999
ANNUAL SEVEN-DAY MINIMUM	2.4	Sep 21	0.21 Aug 30 1999
MAXIMUM PEAK FLOW		18 May 4	179 Jan 2 1997
MAXIMUM PEAK STAGE		2.13 May 4	3.87 Jan 2 1997
ANNUAL RUNOFF (AC-FT)	3540	3770	5380
10 PERCENT EXCEEDS	7.9	11	16
50 PERCENT EXCEEDS	3.8	3.8	4.9
90 PERCENT EXCEEDS	2.6	2.4	2.1

e Estimated.